



Sinvicomp SST7050

Teknor Apex Asia Pacific PTE. LTD. - Flexible Polyvinyl Chloride

General Information

Product Description

"Sinvicomp" SST7050 is a wire & cable polyvinylchloride compound available in pellet form. SST7050 provides good performance for jacketing of cables.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Uses	• Wire Jacketing
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2320	psi	IEC 60811-1-1
Tensile Elongation (Break)	300	%	IEC 60811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability ² (374°F)	> 40	min	BS 2782

Additional Information

Typical temperature profile for processing SINVICOMP compound is from 150°C to 175°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 150°C
Compression zone: 160°C~170°C
Mixing zone: 170°C~175°C
Nozzle/Die Zone: 175°C

Notes

¹ Typical properties: these are not to be construed as specifications.

² Congo Red